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72		-13
73	(Analysis Of variance)	-14

74		-15
75	Stepwise Multiple "	-16
	"Regression	
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76	Stepwise Multiple "	-18
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78	Stepwise Multiple Regression "	-20
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81	Stepwise Multiple "	-24
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82	(t)	-26
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83	(Student Newman keuls) S-N-K	-27
84	(Student Newman keuls) S-N-K	-28
85	(Student Newman keuls) S-N-K	-29
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86	(t)	-31
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87	(Student Newman keuls) S-N-K	-32

87	(Student Newman keuls) S-N-K	-33
88	(Student Newman keuls) S-N-K	-34
89	(Student Newman keuls) S-N-K	-35

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Abstract

The Availability of Knowledge Management and its Impact on Organizational Development from the Perspective of Employees in Government Hospitals in the Riyadh area in Saudi Arabia

Naji madallah adam

Mutah University, 2010

This study aimed at investigating the availability of knowledge management and its impact on organizational development from the perspective of employees in government at hospitals in the Riyadh area in KSA. To achieve the objectives of this study, a questionnaire was developed for data collection. The study sample was composed of (420) subjects where Statistic Package for Social Science, Version 16 (SPSS, 16) was used to analyze the questionnaire data. The most important findings of this study were the following:

1. The perceptions of employees toward knowledge management at governmental hospitals positions in Riyadh area were at moderate level (mean=3.36) while their perceptions of organizational development at governmental hospitals positions in Riyadh area were high (mean=3.69).
2. There is an impact of knowledge management dimensions in organizational development which explains (62.3%) of variation in the dependent variable (organizational development).
3. There are significant differences ($\alpha \leq 0.05$) in the employees perceptions toward knowledge management attributed to (Gender, academic qualification, age, and experience) variables, and significant differences exist ($\alpha \leq 0.05$) in the employees perceptions toward organizational development attributed to (Gender, academic qualification, age, experience and professional level) variables.

The Researcher recommends that the governmental hospitals positions in Riyadh area have build management philosophy and organizational methods supports the application of knowledge management by senior management, through work on the allocation of adequate financial and human resources and instill organizational culture supports flexible and collaborative knowledge and participation to improve the level of organizational development.

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. (Wiig, 2003: 15)

: (Technological Dimension) **.1**

. (Dueck, 2001:885)

: (Organizational Dimension) **.2**

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. (Byounggu, et.al, 2006:517)

: (Social Dimension) **.3**

Bapuji,)

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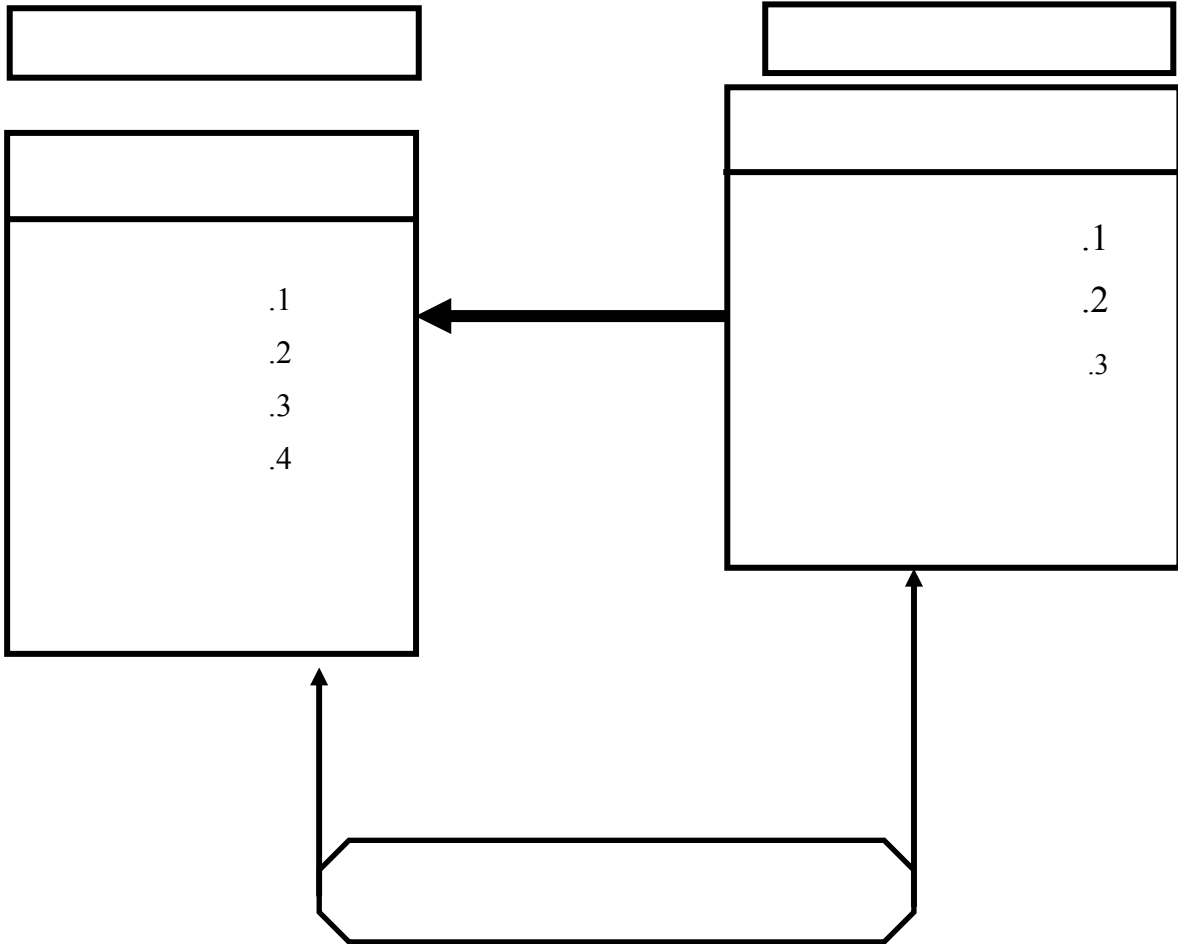
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(Zack, 2003)

(Park, et.al, 2004)

(Ruggles, 2008)

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(Malhotra,2003:405)

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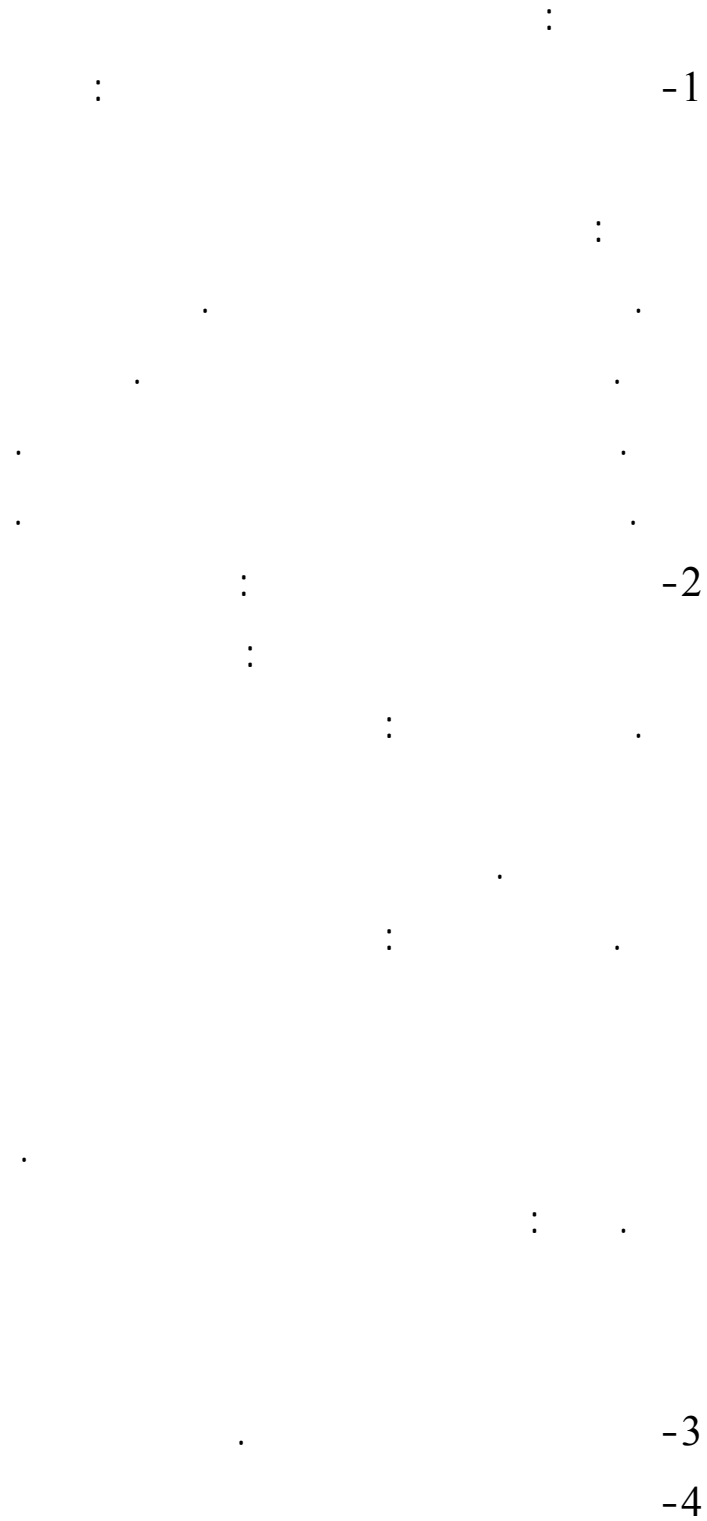
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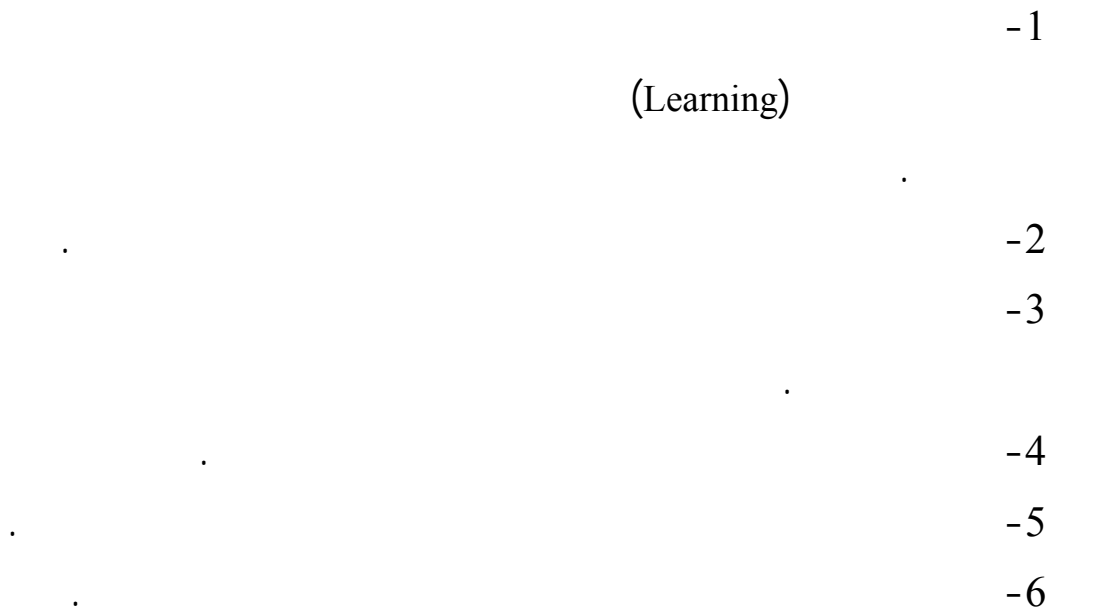
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(Teece, 2000:41)



Holsapple and)

:(Singh,2001:82



(Nonaka & Takeuchikich, 1995)

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.(Daft, 2001)

.(Herschel, 2000)

(Reinhardt, et,.al, 2001)

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(Propriety Knowledge) -1

(Personal Knowledge) -2

(Public Knowledge) -3

(Common Sense) -4

(Broadbent, 2002)

.(Cortada & Woods,2003)

.(Wiig, 2003)

. (Wasonga, 2007)

.(Seng, et, al, 2002)

. (Todd & Southon, 2000)

.(Turban, et.al.,2001)

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(Seng, et.al, 2002)

(MacAndrew, et, al, 2004)

.(Wasonga, 2007)

(Grover & Davenpport,2001:5)

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(Robbins, 2001:454)

(Planned- change)

(Intervention)

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.(Pilar, et.al, 2004)

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Applying Knowledge) (Aguiar, 2009)
Management For Research And Development in The Pharmaceutical
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Selected Public Sector) (Haga, 2008)
Organizational Paradigms and Organizational Development
Interventions: An Analytical Framework Within Public Sector
: " (Situations

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The Development and) (Singh, 2008)
Investigation of A Conceptual Model to Understand Knowledge
" (Management
(72)

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Individual Resistance,) (Foster, 2007)
Organizational Justice, and Employee Commitment to Planned
" (Organizational Change
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The Success Criteria For) (Feliciano, 2007)
(Knowledge Management Systems In An Organization Implementing
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Knowledge Management In) (Wang, 2006)
Innovation Teams: A Case Study Of An IT Development Institute In
: **" (Taiwan**

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Knowledge Management) (Desouza, 2006)
Maturity Model: Theoretical Development And Preliminary Empirical
. **:** **" (Testing**

Effects Of) (Byounggu, et, al, 2006)
 Knowledge Management Strategy On Organizational Performance: A
 " (Complementarity Theory-Based Approach

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(131)

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External Knowledge) (Bapuji, 2005)
 " (Management Strategies And Firm Performance

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Organizational Development: A) (Barnett ,2005)

" (Comparison Of Individual And Organizational Level Change

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(meta-analysis)

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Organizational " (Cusick, 2005)

" Development Facilitates Effective Regulation Compliance

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Measuring knowledge " (Malhotra, 2003)

Assets of a Nation: Knowledge Systems for Development. United Nations Advisory Meeting of the Department of Economic and Social

" "Affairs

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33	66
39	78
72	143
26	52
56	113
263	526
563	1126

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%72.38	304	
%27.62	116	
%40.48	170	
%51.19	215	
%8.33	35	
%15.24	64	5
%34.52	145	10-6
%33.33	140	15-11
%16.90	71	16
%12.14	51	30
%26.90	113	40-31
%41.90	176	50-41
%19.05	80	51
%8.57	36	
%4.52	19	
%14.52	61	
%72.38	304	

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Alpha	Test-Retest		
0.86	0.88	8-1	1
0.87	0.89	16-9	2
0.85	0.86	28-17	3
-	-	28-1	3-1
0.85	0.88	33-29	1
0.86	0.89	37-34	2
0.89	0.92	42-38	3
0.84	0.87	46-43	4
-	-	46-29	4-1

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(SPSS.16.1)

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(Multiple Regression Analysis) -2

Stepwise Multiple Regression) -3

(Analysis

(Variance Inflation Factor) (VIF) -4

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.	(Multicollinearity)	
	(Skewness)	-5
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(Student Newman's keul)	S-N-K	

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(Student Newman's keul) S-N-K

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2	0.69	3.37	8-1
3	0.72	3.13	16-9
1	0.56	3.57	28-17
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1.00	3.45		.4
1.04	3.44		.6
1.02	3.41		.7
0.97	3.40		.3
0.99	3.39		.8
1.01	3.36		.1
0.98	3.30		.2
1.02	3.23		.5
0.69	3.37		8-1

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			.
0.98	3.56	.	.16
1.01	3.46		.9
1.01	3.36		.10
1.02	3.06		.13
1.00	3.01	.	.15
0.99	2.91		.14
1.01	2.88		.12
1.03	2.82	.	.11
0.72	3.13		16-9

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(0.72) (3.13)) (16)
((0.98) (3.56)) (11)
((1.03) (2.82)
(16)

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1.01	3.76	.22
0.99	3.72	.24
1.02	3.70	.23
0.56	3.64	.26
0.94	3.63	.18
1.03	3.55	.19
0.91	3.53	.21
0.99	3.53	.20
0.96	3.51	.25
1.00	3.50	.27
1.04	3.46	.17
1.04	3.32	.28
0.56	3.57	28-17

(7)

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4	0.62	3.43	33-29
3	0.53	3.72	37-34
1	0.52	3.81	42-38
2	0.49	3.80	46-43
-	0.54	3.69	46-29

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0.98	3.47	.30
1.01	3.45	.33
0.96	3.43	.31
0.99	3.41	.32
1.03	3.39	.29
0.62	3.43	33-29

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			.
0.93	3.87		.34
0.97	3.71		.37
0.99	3.68		.36
0.98	3.60		.35
0.53	3.72		37-34

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0.88	4.01	.39
0.91	3.92	.38
0.93	3.76	.40
0.92	3.75	.42
0.96	3.63	.41
0.52	3.81	42-38

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			.
0.91	3.84		.46
0.97	3.82		.43
0.98	3.81		.45
0.99	3.73		.44
0.49	3.80		46-43

(12)

(3.84) (3.80)) (46) (0.49)
((0.91)
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"Multi-Collinearity "

" Variance Inflation Factor- VIF"

(13) " Tolerance

(10) (VIF)

(0.05)

"Multicollinearity"

(13)

"Tolerance " (VIF)

(2.263– 1.314) (10) (VIF)

"Tolerance "

(0.561 – 0.313) (0.05)

(13)

Skewness	(VIF)	Tolerance
0.370	1.404	0.313
0.210	2.263	0.464
0.266	1.314	0.561

Normal Distribution

(Skewness)

(13)

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(14)
(Analysis Of variance)

F					
F				R ²	
0.000	*119.99	15.275	106.923	0.623	(416 3)
		0.127	64.667		
0.000	*66.456	21.200	148.398	0.492	(416 3)
		0.327	165.993		
0.000	*64.879	19.195	134.367	0.471	(416 3)
		0.289	146.732		
0.000	*76.05	23.491	164.435	0.512	(416 3)
		0.309	156.915		
0.000	*48.054	19.047	133.326	0.398	(416 3)
		0.396	201.350		
(0.05 ≥ α)					
*					

(14)

(α ≤ 0.01)	(F)
(%62.3)	(508 7)
(%49.2)	()
()	(%47.1) ()
()	(%51.2)
()	(%39.8)

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) ($\alpha \leq 0.05$)

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(15)

	t	Beta	B	
t				
0.000	*7.665	0.350	0.041	0.315
0.000	*4.816	0.215	0.045	0.216
0.000	*5.176	0.237	0.041	0.210
(0.05 ≥ α) *				

(15)

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(t)

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(5.176 4.816 7.665) (t)

: .(0.05 ≥ α)

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(0.05 ≥ α)

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Stepwise Multiple Regression

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(16)

(%50.7)

(%57.2)

(%62.1)

(16)

"Stepwise Multiple Regression "

*t	t	R ²
0.000	*9.307	0.507
0.000	*6.548	0.572
0.000	*3.371	0.621

($0.05 \geq \alpha$)

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($0.05 \geq \alpha$)

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(17)

t	t	Beta	B
0.000	*4.038	0.234	0.275
0.000	*3.678	0.218	0.227
0.000	*3.860	0.229	0.241

($\alpha \geq 0.05$)

*

(17)

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(t)

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(t)

(3.860 3.678 4.038)

$(0.05 \geq \alpha)$: $(0.05 \geq \alpha)$
 $(0.05 \geq \alpha)$:
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Stepwise Multiple Regression

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 (18)

(%40.7)

(%45.9)

(%48.9)

(18)

"Stepwise Multiple Regression "

*t	t	R ²
0.000	*7.002	0.407
0.000	*5.784	0.459
0.000	*4.932	0.489
		(0.05≥α)
		*

. (%46.9)

()

.

(20)

"Stepwise Multiple Regression "

*t	t	R ²
0.000	*9.188	0.416
0.000	*4.126	0.469

(0.05≥α)

*

()

:

) (0.05≥α)

(

(21)

	t	Beta	B
t			
0.000	*6.606	0.363	0.055
0.001	*3.499	0.192	0.056
0.000	*4.112	0.221	0.060

(0.05≥α)

*

(21)

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(t)

(

(4.112 3.499 6.606) (t)

$(0.05 \geq \alpha)$: $(0.05 \geq \alpha)$
 $(0.05 \geq \alpha)$:
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Stepwise Multiple Regression

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 (22)
 (%42.3)

(%48.6)
 (%50.9)

(22)

"Stepwise Multiple Regression "

*t	t	R ²
0.000	*9.909	0.423
0.000	*6.768	0.486
0.000	*4.606	0.509

(0.05 ≥ α) *

$$t = \frac{B}{S_B} = \frac{0.262}{0.047} = 5.561$$

$$t = 5.561 > t_{(0.05 \geq \alpha)} = 3.679$$

	t	Beta	df	B
t				
0.000	*5.561	0.247	0.047	0.262
0.000	*3.585	0.183	0.048	0.171
0.000	*3.679	0.191	0.053	0.195

$$t = \frac{B}{S_B} = \frac{0.195}{0.053} = 3.679$$

$$t = 3.679 > t_{(0.05 \geq \alpha)} = 3.679$$

Stepwise Multiple Regression
 (24)
 (%26.6)

(%35.1)

(%39.1)

(24)

"Stepwise Multiple Regression "

*t	t	R ²
0.000	*7.948	0.266
0.000	*5.790	0.351
0.000	*5.661	0.391

(0.05≥α)

*

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(0.05≥ α)

()

(One Way Anova)

)

(S-N-K) (

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(Student Newman keuls)

(25)

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()				
0.000	*6.178	0.981 0.143	1.962 59.629	(417 2)
0.000	*9.514	1.452 0.138	4.356 57.236	(416 3)
0.224	**1.465	0.238 0.146	0.714 60.878	(416 3)
0.000	*7.192	1.117 0.140	3.351 58.241	(416 3)

(0.05≥ α)

*

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 (26)
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 (t) (t)
 (5.147) (t)
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 (26) .()
 .(3.39) (3.68)

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(26)

(t)

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(t)

0.000	*5.147	0.38	3.68
		0.44	3.39

(0.05 ≥ α) *

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(25)
 (α =0.000) (F=6.178)
 (α =0.01)

Student) S-N-K

(27) (Newman keuls

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(27)

(Student Newman keuls) S-N-K

*0.23	-	-	3.36
*0.18	-	-	3.41
-	-	-	3.59

(0.05 \geq α) *

:

(25)

(α =0.000) (F=9.514)

(α =0.01)

(Student Newman keuls) S-N-K

(28)

(16) (5)

.(16)

(10-6) (16)

.(16)

5) (15-11)

.(15-11) (

(28)

(Student Newman keuls) S-N-K

16	15-11	10-6	5		
*0.40	*0.24	-	-	3.25	5
*0.22	-	-	-	3.43	10-6
-	-	-	-	3.49	15-11
-	-	-	-	3.65	16
(0.05 ≥ α)					*
					:
					:

(25)

(F=1.465)

(α =0.05)

(α =0.224)

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(25)

(α =0.000)

(F=7.192)

(α =0.01)

(Student Newman keuls) S-N-K

(29)

(51)

(30)

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51) (51) (40-31)
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(29)

(Student Newman keuls) S-N-K

51	50-41	40-31	30		
0.32	-	-	-	3.30	30
*0.23	-	-	-	3.39	40-31
-	-	-	-	3.47	50-41
-	-	-	-	3.62	51
(0.05 \geq α)					*

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($\alpha \geq 0.05$)

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()				
0.000	*11.501	2.686 0.210	5.373 87.592	(417 2)
0.018	*3.377	0.817 0.218	2.452 90.513	(416 3)
0.001	*5.530	1.316 0.214	3.949 89.016	(416 3)
0.000	*8.020	1.873 0.210	5.619 87.346	(416 3)
(0.05 \geq α)				

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	(t)		(
		(2.985)	(t)	
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	(31)	.()	
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0.003	*2.985	0.52	3.81	
		0.49	3.62	
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		(0.05≥ α)		*
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	(30)			
=0.000)	(F=11.501)			
	(α =0.01)		(α	
	(32)			
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$$\left(\begin{array}{c} \\ \end{array} \right) \left(\begin{array}{c} \\ \end{array} \right) \\ \cdot \left(\begin{array}{c} \\ \end{array} \right) \\ (32)$$

(Student Newman keuls) S-N-K

*0.41	-	-	3.56
*0.31	-	-	3.66
-	-	-	3.97

(0.05 ≥ α) *

$$\vdots \qquad \qquad \qquad \vdots \\ (30)$$

$$(\alpha = 0.018) \qquad (F = 3.377) \\ (\alpha = 0.05)$$

(Student Newman keuls) S-N-K

$$\begin{array}{cc} (33) \\ \left(\begin{array}{c} 16 \end{array} \right) \qquad \left(\begin{array}{c} 5 \end{array} \right) \\ \cdot \left(\begin{array}{c} 16 \end{array} \right) \\ (33) \end{array}$$

(Student Newman keuls) S-N-K

16	15-11	10-6	5	
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*0.30	-	-	-	3.54	5
-	-	-	-	3.62	10-6
-	-	-	-	3.67	15-11
-	-	-	-	3.84	16

(0.05 ≥ α) *

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(30)

(F=5.530)

($\alpha = 0.01$)

($\alpha = 0.001$)

S-N-K

(34)

(Student Newman keuls)

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(34)

(Student Newman keuls) S-N-K

-	-	-	-	3.90
-	-	-	-	3.70
-	-	-	*0.27	3.63
-	-	-	*0.31	3.59

($0.05 \geq \alpha$)

*

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($\alpha = 0.000$)

(F=8.020)

($\alpha = 0.01$)

(Student Newman keuls) S-N-K

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(51) (30)
 .(51)
 (51) (40-31)
 50-41) .(51)
 51) (51) ()
 .()

(35)

(Student Newman keuls) S-N-K

51	50-41	40-31	30		
*0.37	-	-	-	3.49	30
*0.29	-	-	-	3.57	40-31
*0.21	-	-	-	3.65	50-41
-	-	-	-	3.86	51
(0.05≥ α)					*

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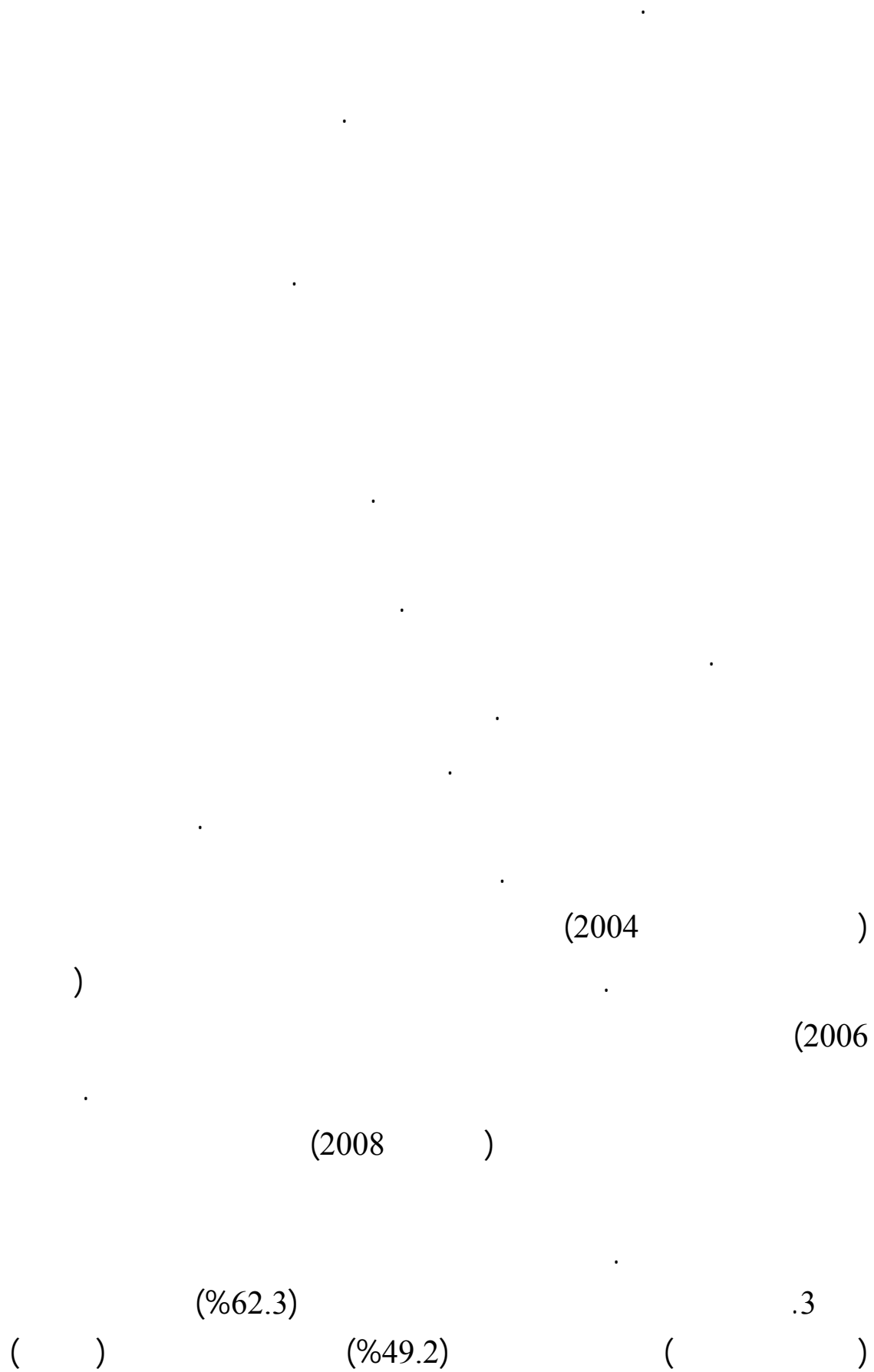
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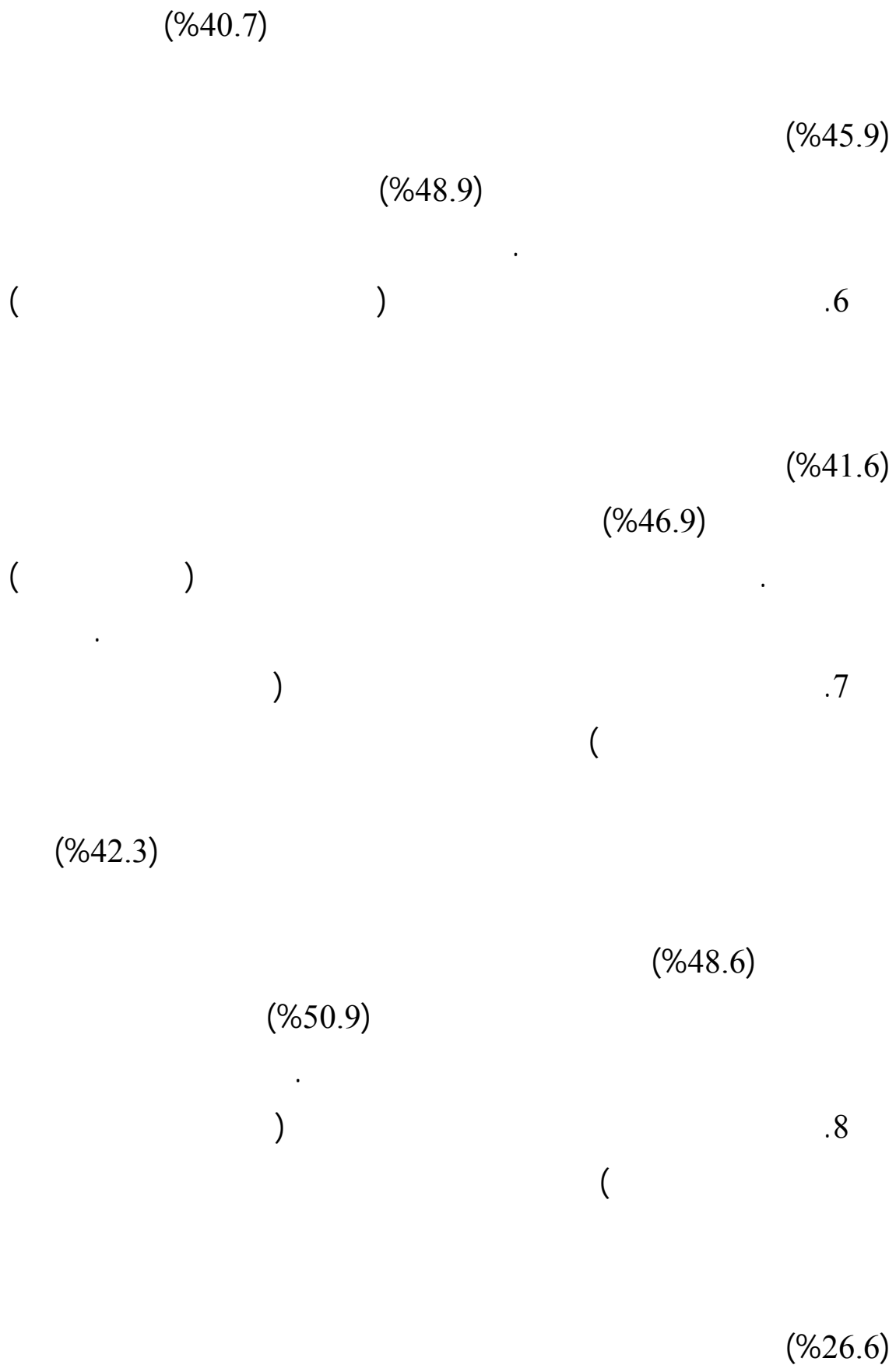
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